

Fig 1

Search Results Page

search results ordered according to the search score

highest scores → lowest scores

Documents (D1-D10) and Links (L1-L12) are shown in boxes. Arrows indicate connections between them, labeled with link IDs (L1-L12) or document IDs (D1-D10). The document D10 is highlighted with a double border and labeled "most relevant document".

200

200

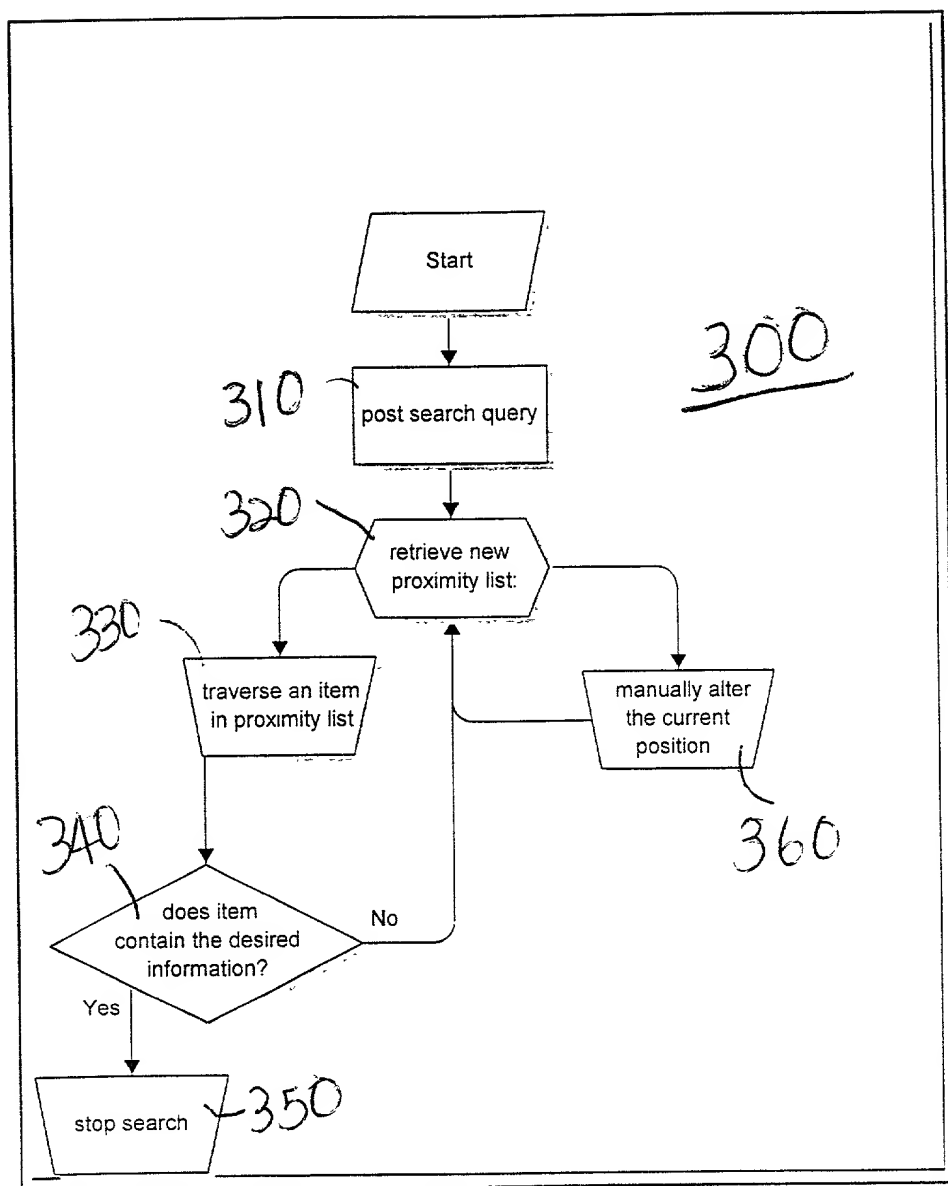
[illegible]

Fig 3

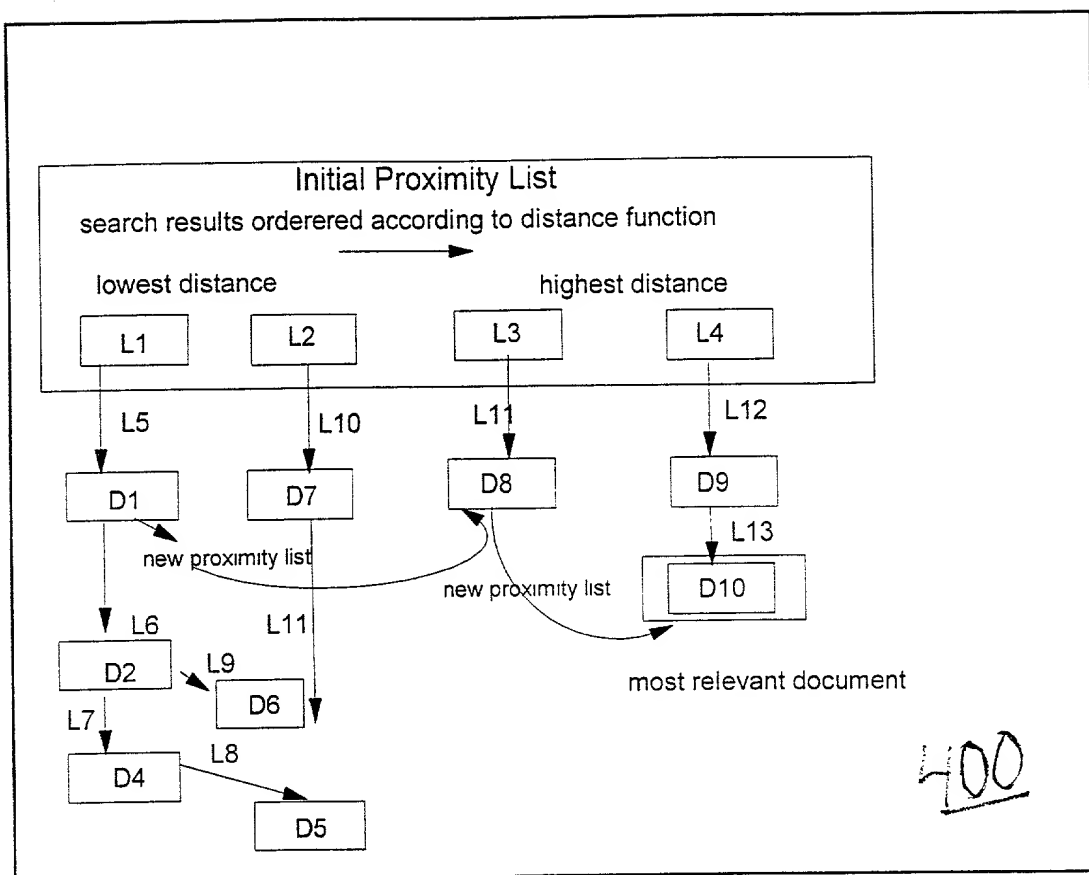
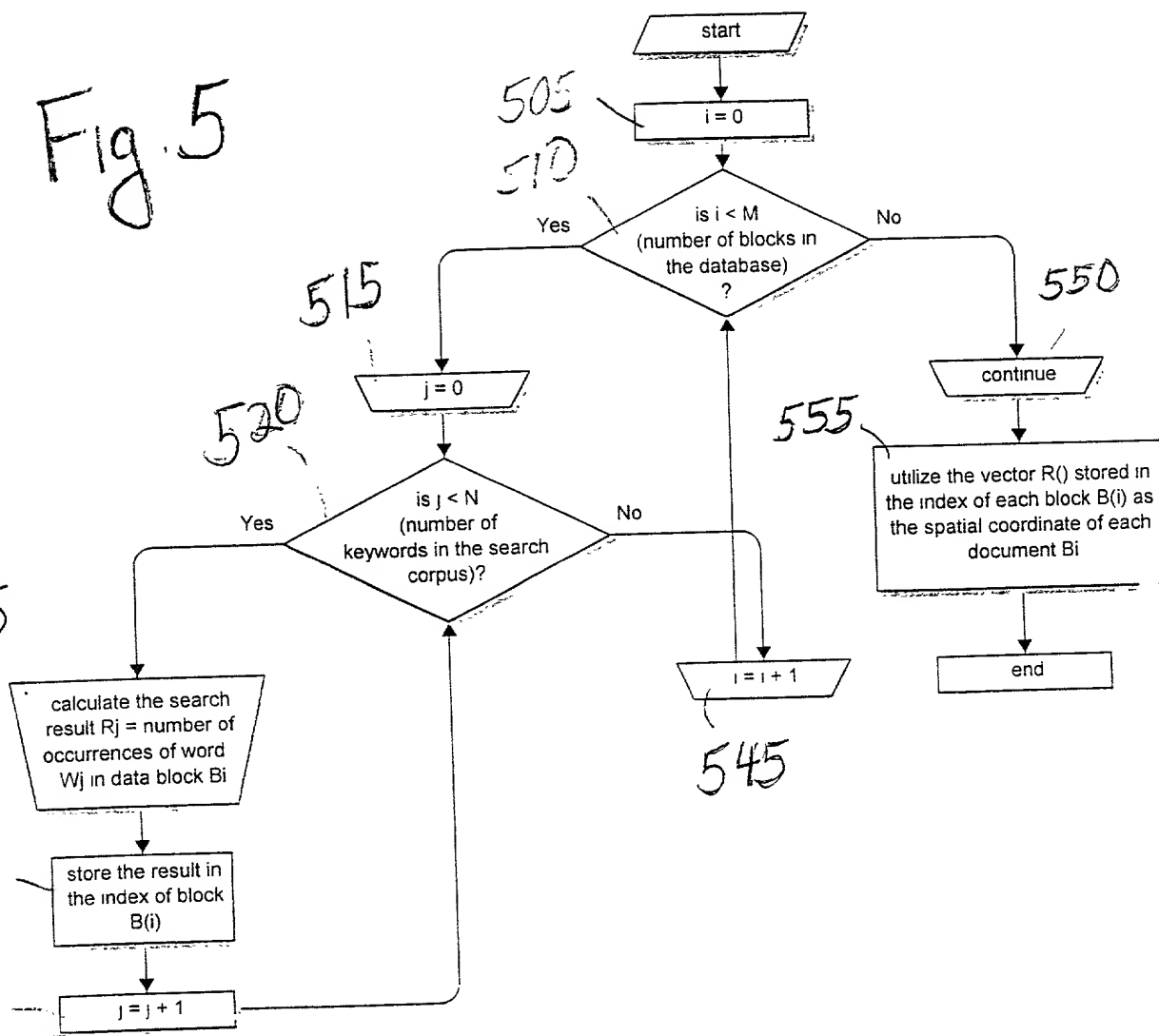


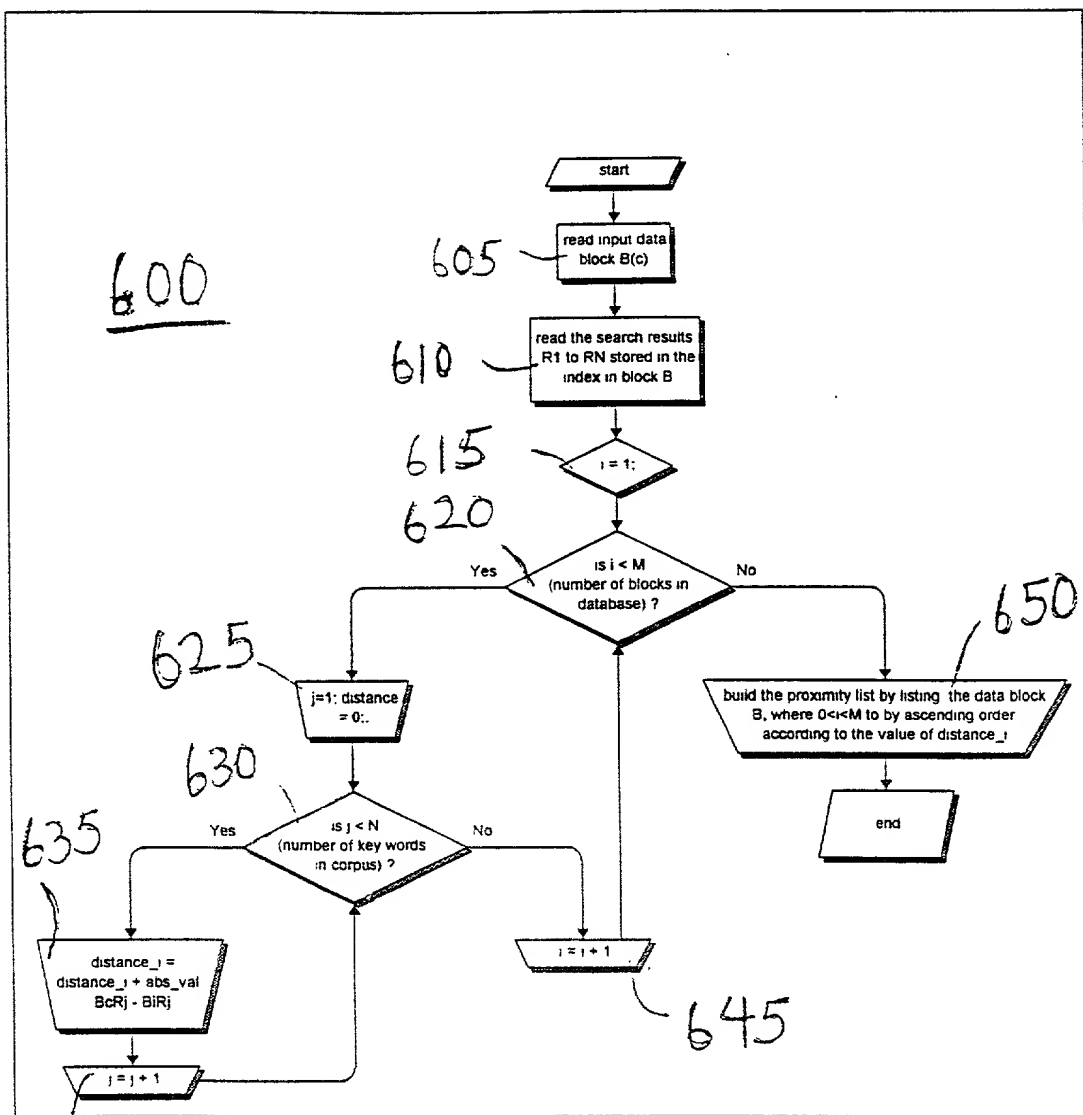
Fig 4

Fig. 5



500

Fig. 6



100853788.100001

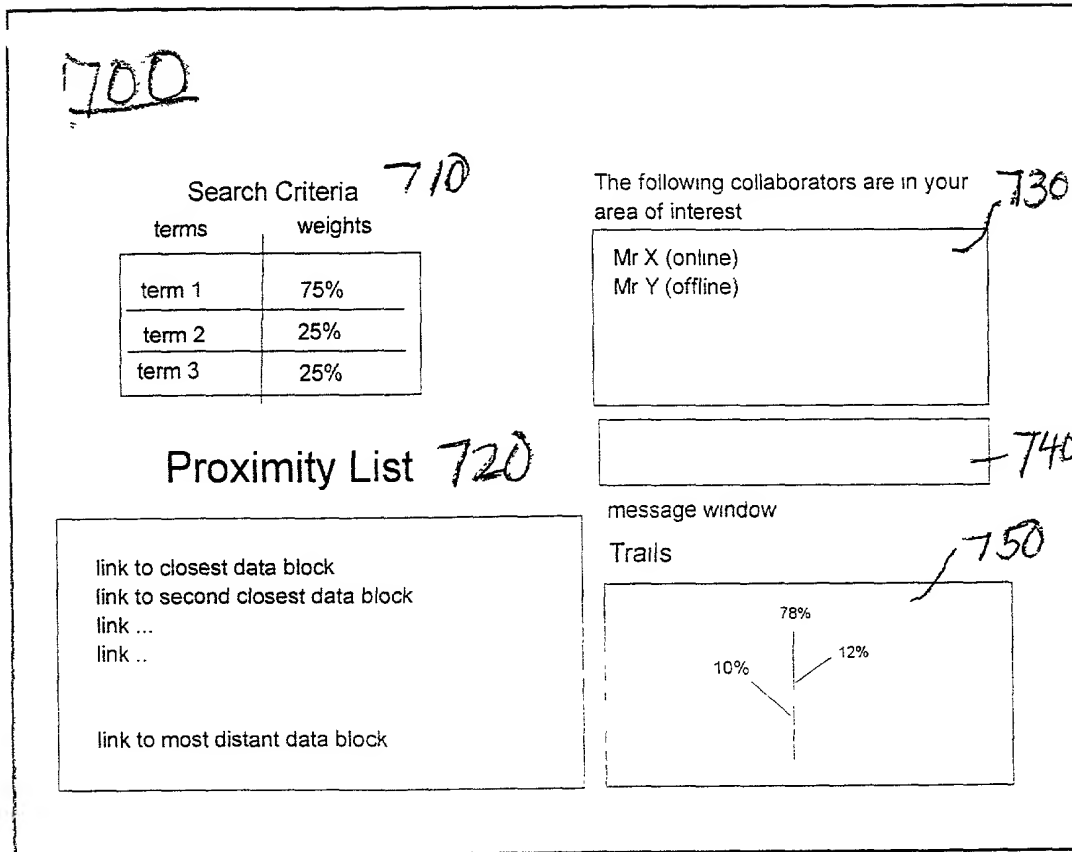


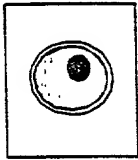
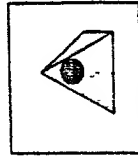
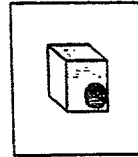
Fig. 7

Proposed Prototype: Collaborative Research Portal

800

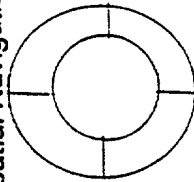
Search Results

Closest results in cyberspace
Most likely trail matches



Three dimensional projections of the search space

Spatial Navigation



810

Number of navigational dimensions: 4

The following collaborators are in your
area of interest

Mr. X (online)
Mr Y (offline)

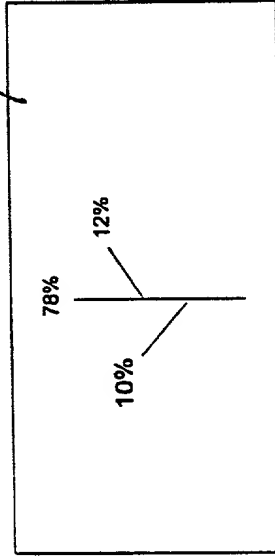
830

840

message window

Trails

850



1062901 3326660

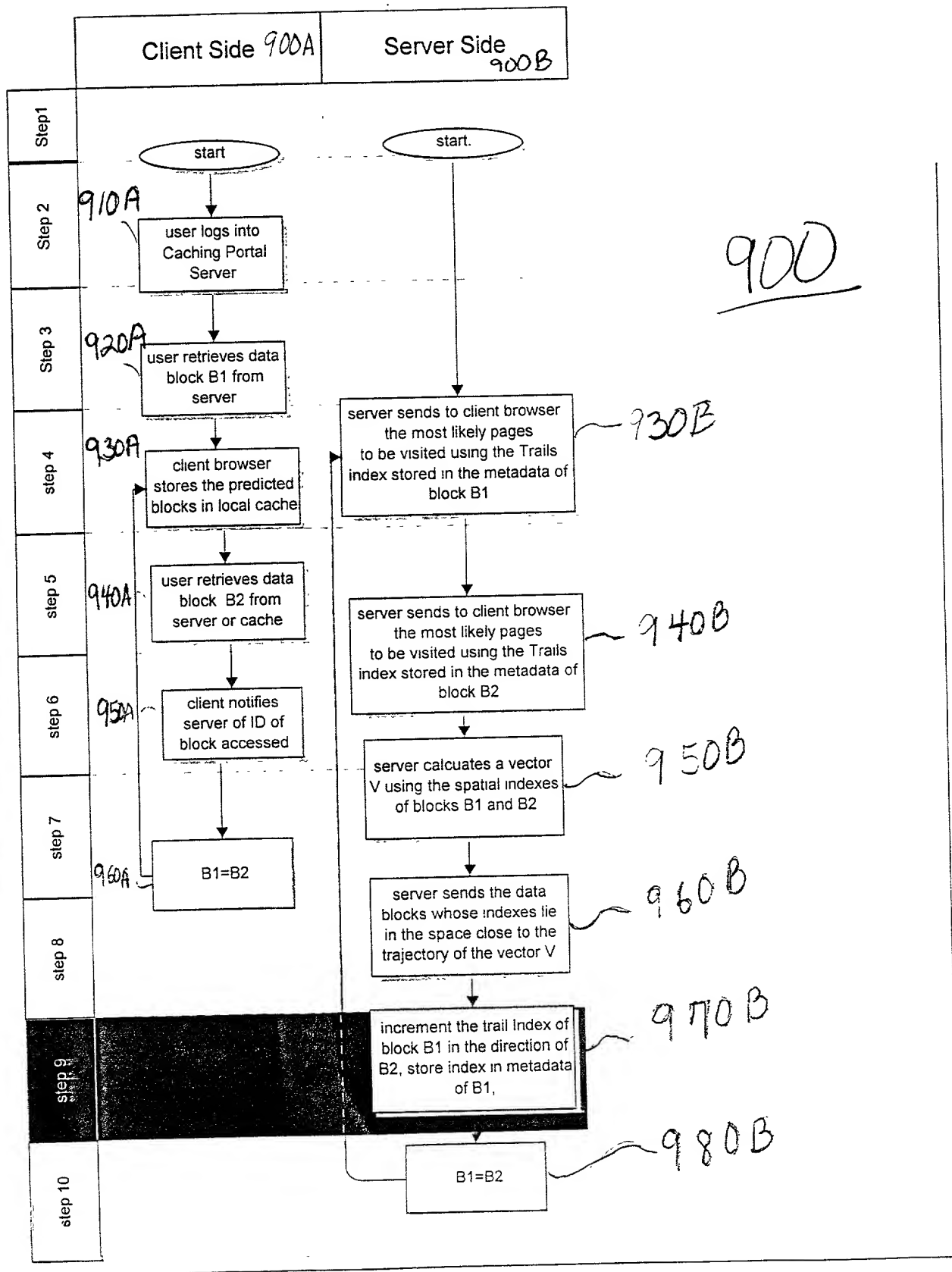


Fig. 9

10A
20A
030A
T05290" 884E680

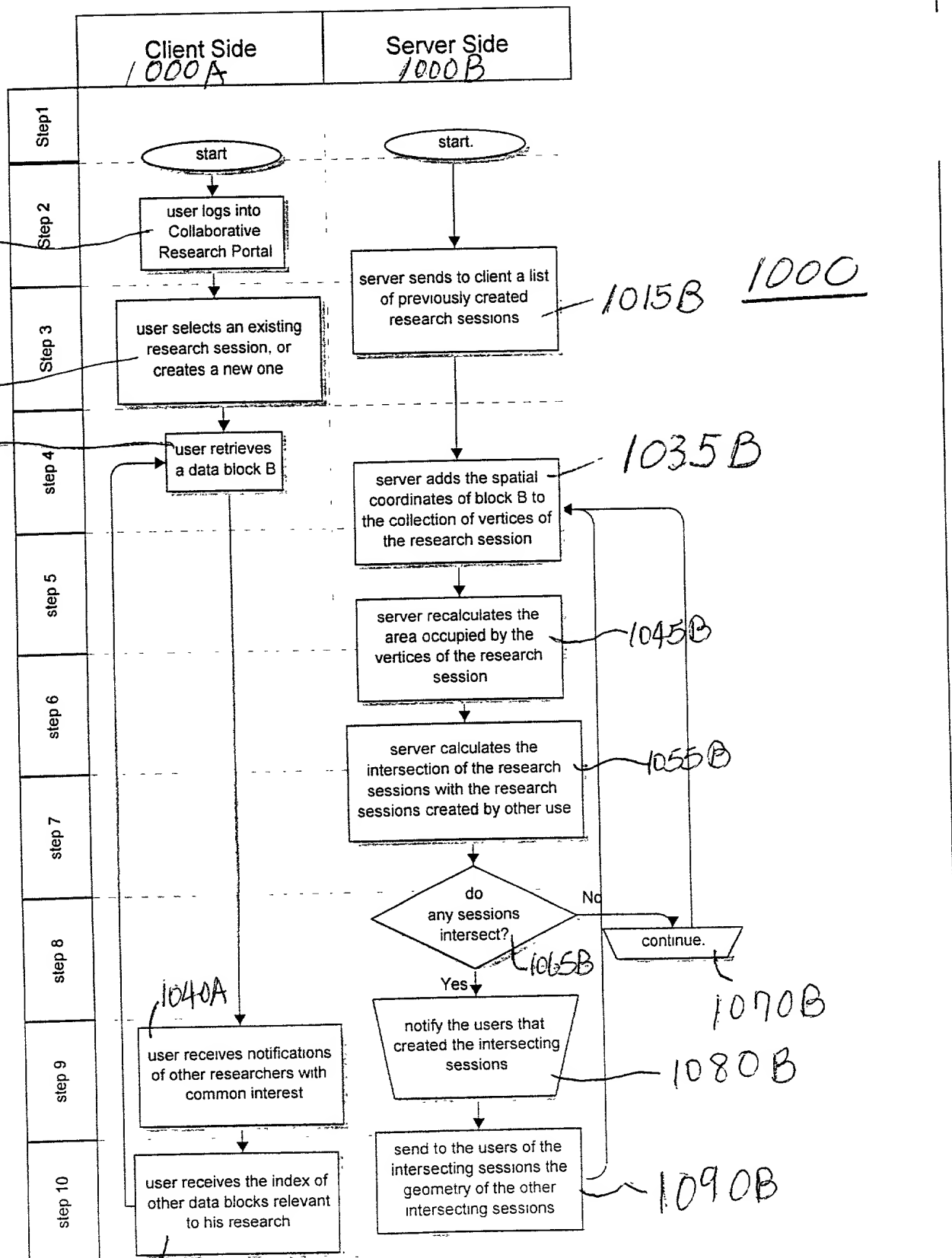


Figure 10

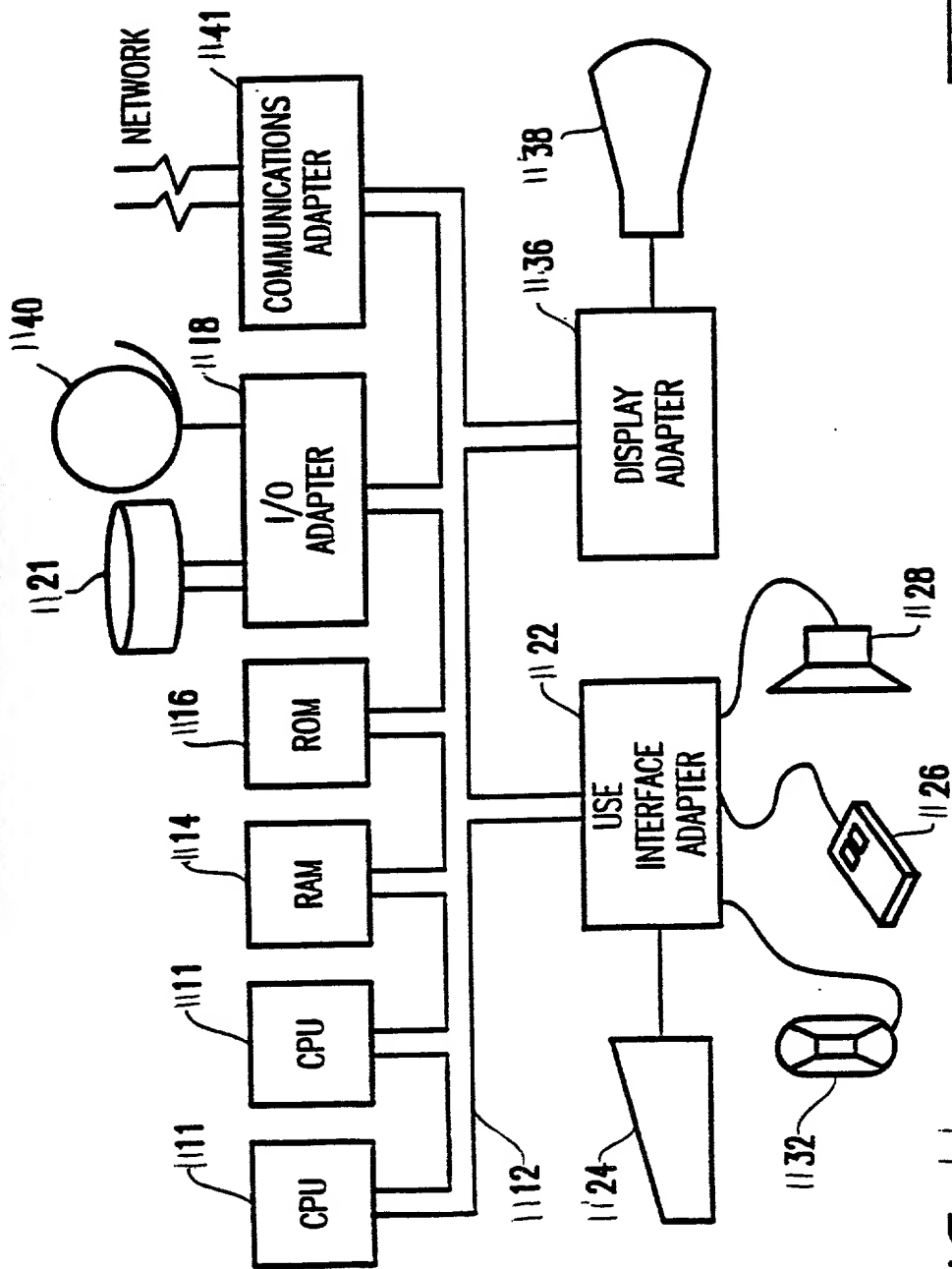


FIG. 11

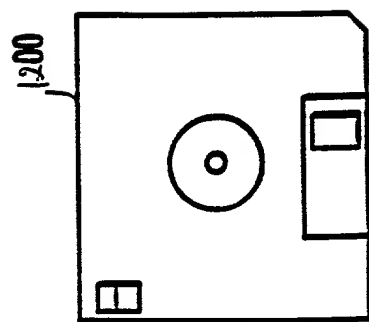


FIG. 12